

New Claims

1. System for operating digital radio appliances that can be adjusted to various waveforms, wherein the waveform is the signal occurring at the transition from the radio appliance to the radio link at the output of the antenna and that is determined by a multiplicity of parameters, such as frequency, type of modulation, power, signal shape, etc., having a common waveform set by a centre, in which system the waveforms of the radio appliances can be adjusted by sets of parameters inputted as software, characterized in that the sets of parameters of the various waveforms are subdivided into a plurality of sets of subparameters (TPa to TPx) to each of which an address (a, b, c to x) is assigned, the associated sets of subparameters are each stored in the digital radio appliances (G, F, US) to be operated jointly under said addresses and, to adjust to a common waveform (for example, WFG), only the addresses of the subparameters necessary for the chosen waveform are transmitted by the centre (for example, G) via a radio connection (WFB) common to all the radio appliances and are read out therein as the total set of parameters determining the chosen waveform.

2. System according to Claim 1, characterized in that the software determining the various waveforms is divided into a part describing the functions and dependencies of the parameters and a determining part comprising the actual parameters, the describing part of the software is stored in each of the radio appliances and only the determining part of the software is subdivided into sets of subparameters that can be retrieved through addresses by radio so that the waveform-specific software is formed in

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the radio appliances from the sets of subparameters read out via the addresses by radio together with the describing part of the software stored in the radio appliance.

- 5 3. System according to Claim 1 or 2, characterized in that the division of the individual parameters into the sets of subparameters is chosen in such a way that they can each be used for a plurality of various waveform-specific entire sets of parameters.

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